

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071848.D
 Acq On : 31 Jan 2022 16:34
 Operator : VA/SY
 Sample : N1325-01
 Misc : 2.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TES-1

Quant Time: Feb 01 04:03:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	440346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	800418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	712218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	293136	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246409	44.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.540%
35) Dibromofluoromethane	7.908	113	246818	46.911	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.820%
50) Toluene-d8	10.338	98	1006098	51.202	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.626	95	294605	42.934	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.860%

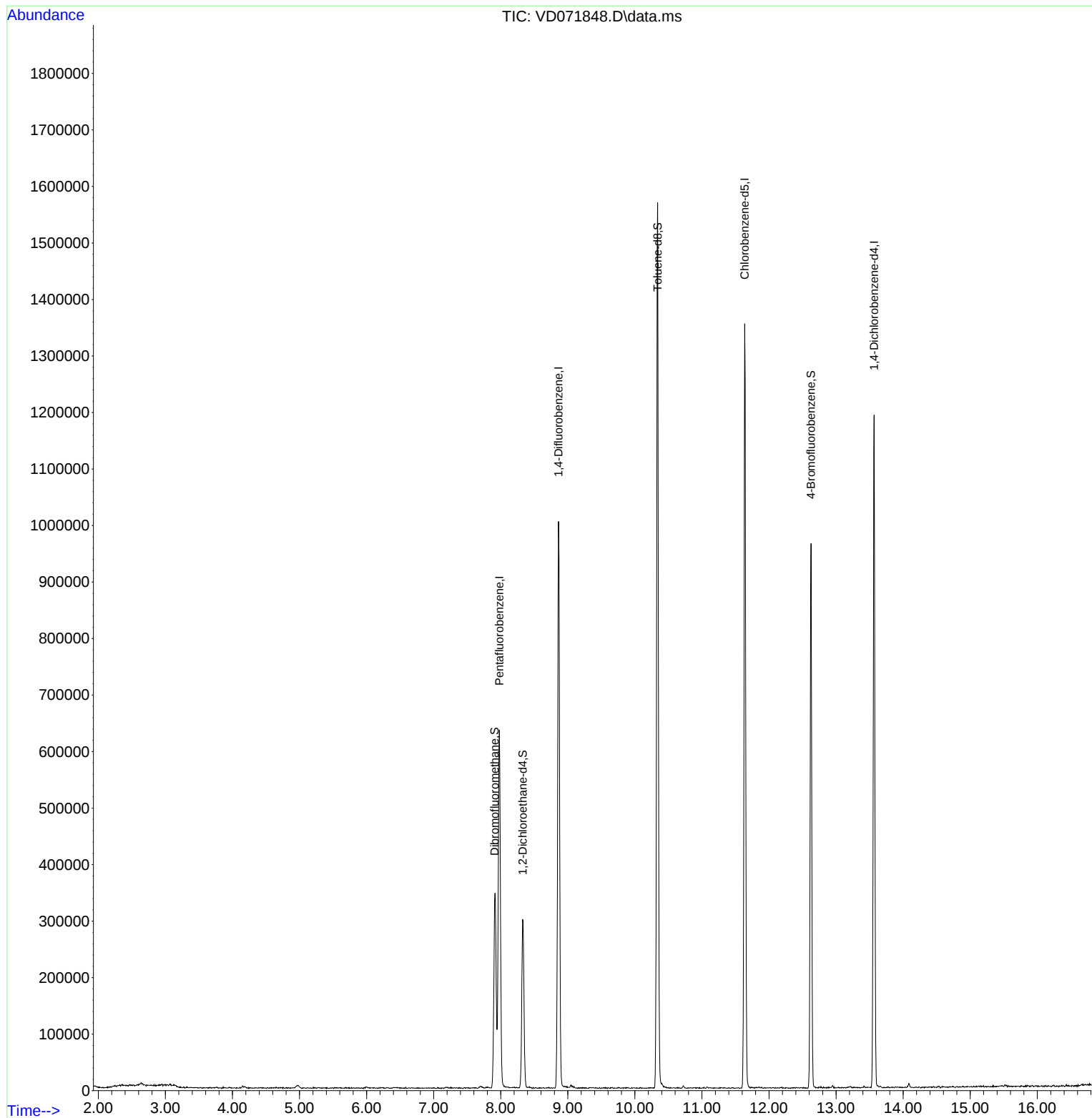
Target Compounds	Qvalue

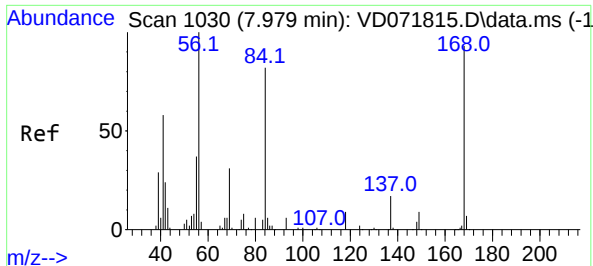
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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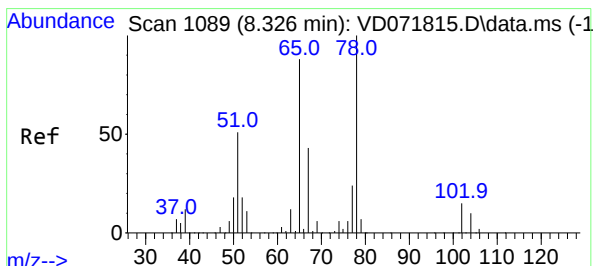
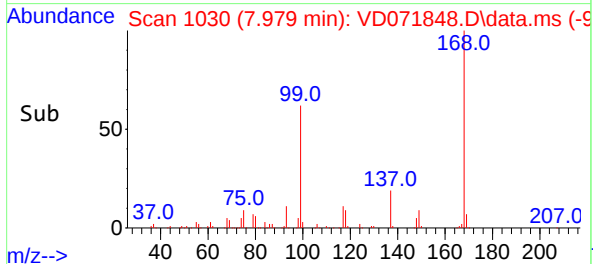
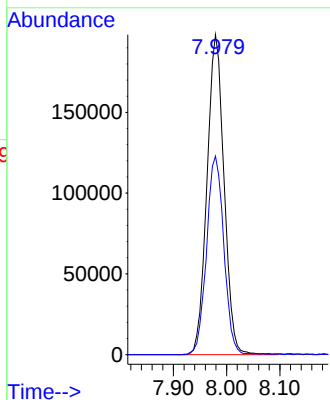
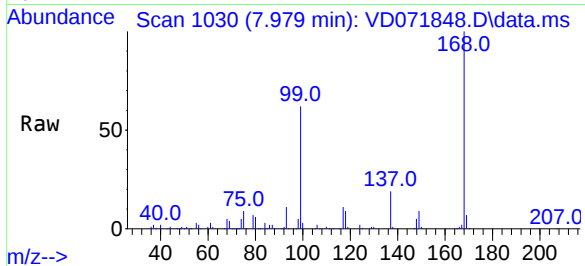




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071848.D
Acq: 31 Jan 2022 16:34

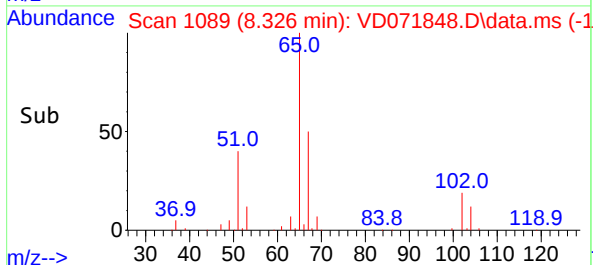
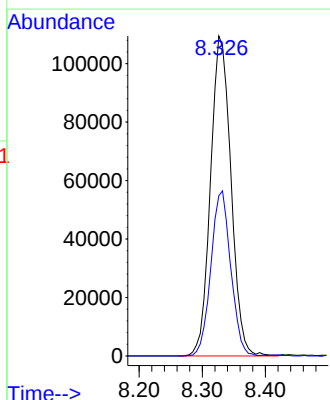
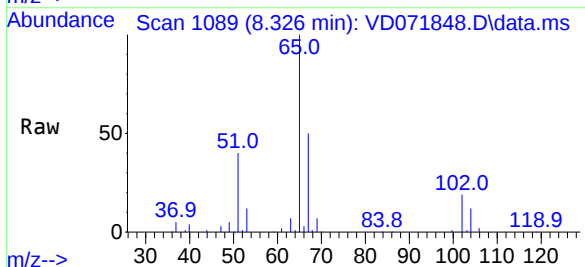
Instrument :
MSVOA_D
ClientSampleId :
TES-1

Tgt Ion:168 Resp: 440346
Ion Ratio Lower Upper
168 100
99 62.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 44.272 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071848.D
Acq: 31 Jan 2022 16:34

Tgt Ion: 65 Resp: 246409
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.4

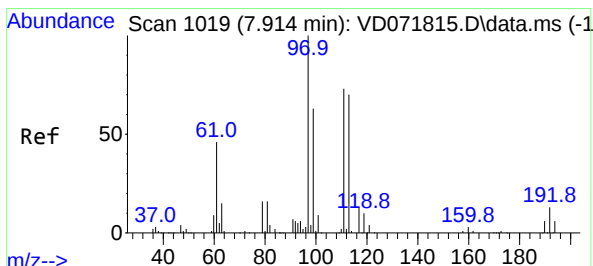
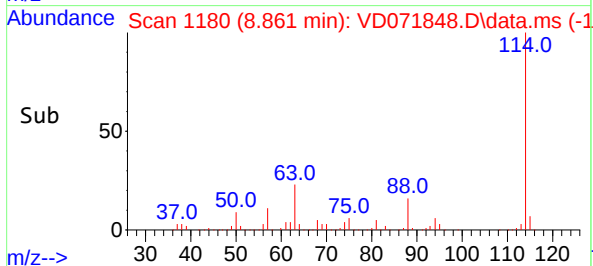
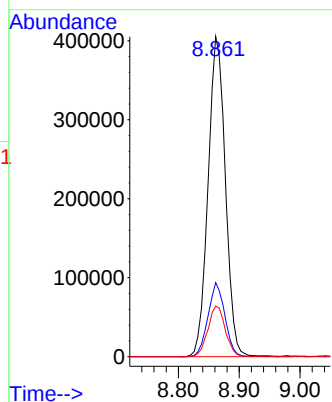
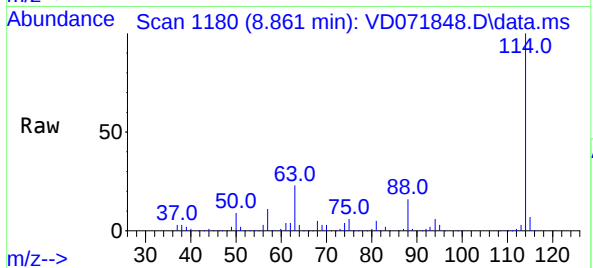




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071848.D
Acq: 31 Jan 2022 16:34

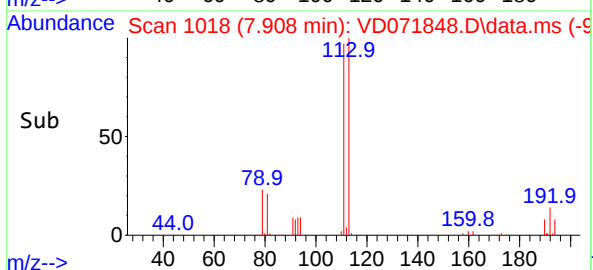
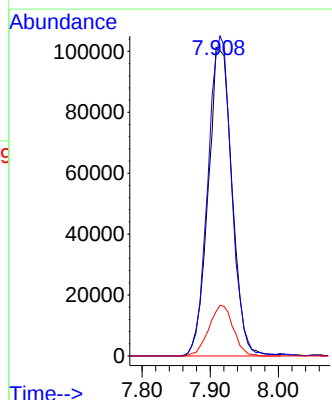
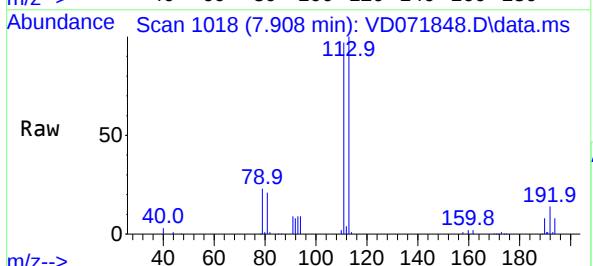
Instrument :
MSVOA_D
ClientSampleId :
TES-1

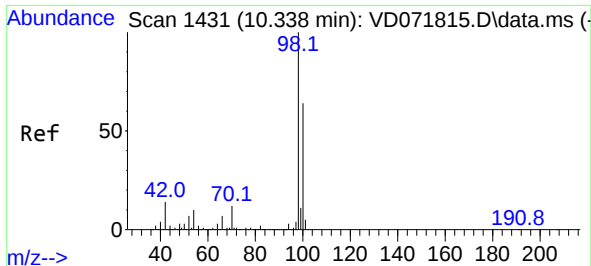
Tgt Ion:114 Resp: 800418
Ion Ratio Lower Upper
114 100
63 23.1 0.0 46.6
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.911 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071848.D
Acq: 31 Jan 2022 16:34

Tgt Ion:113 Resp: 246818
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 16.7 14.6 21.8

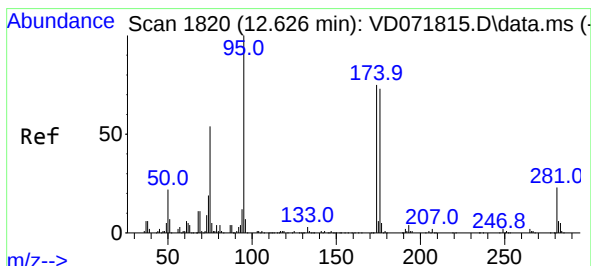
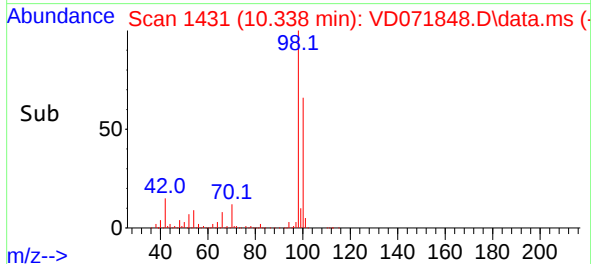
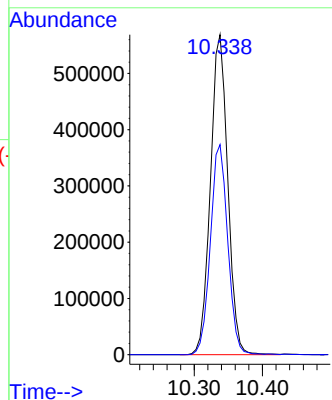
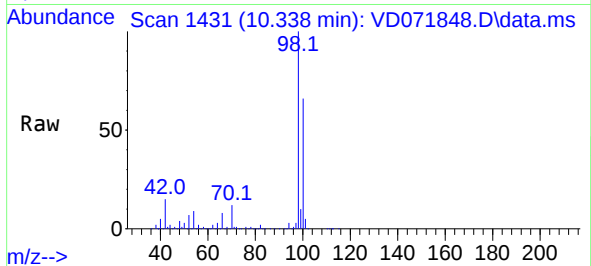




#50
Toluene-d8
Concen: 51.202 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071848.D
Acq: 31 Jan 2022 16:34

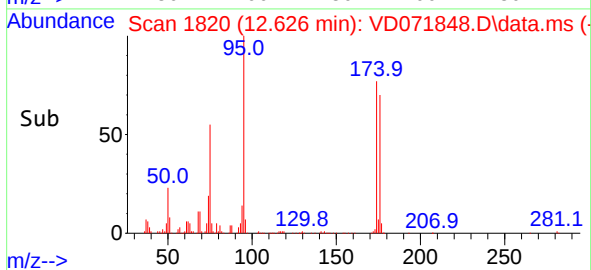
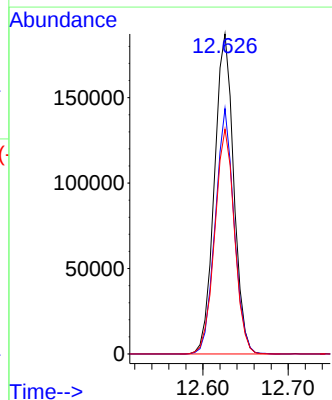
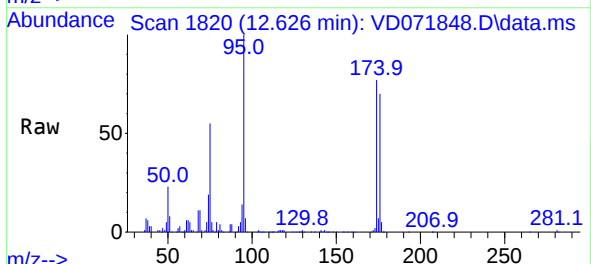
Instrument :
MSVOA_D
ClientSampleId :
TES-1

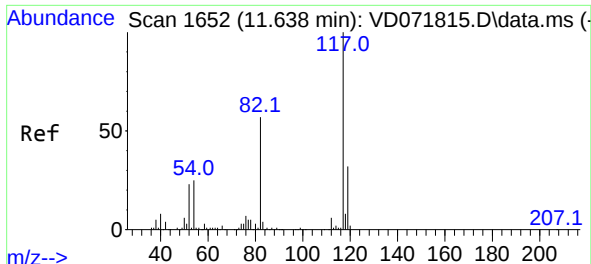
Tgt Ion: 98 Resp: 1006098
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.934 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071848.D
Acq: 31 Jan 2022 16:34

Tgt Ion: 95 Resp: 294605
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 71.4 0.0 145.4

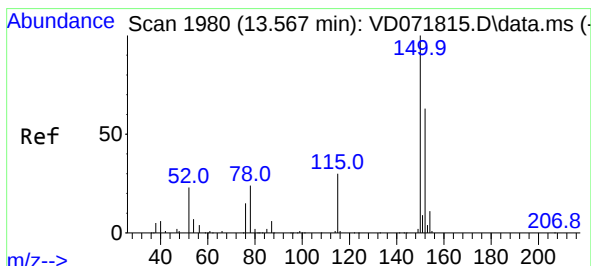
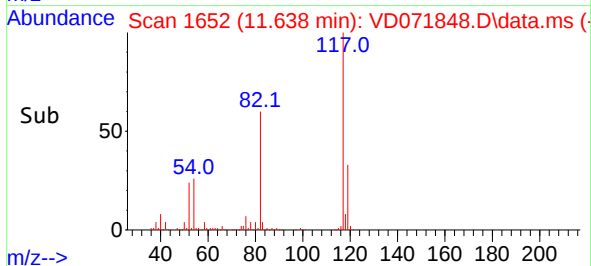
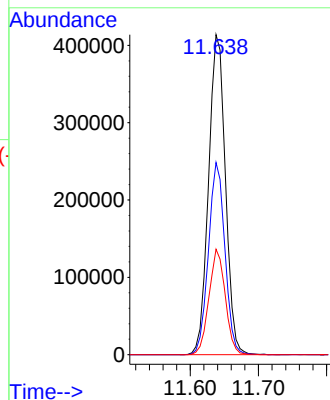
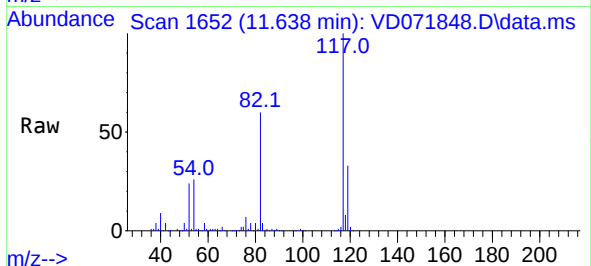




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071848.D
Acq: 31 Jan 2022 16:34

Instrument :
MSVOA_D
ClientSampleId :
TES-1

Tgt Ion:117 Resp: 712218
Ion Ratio Lower Upper
117 100
82 60.1 45.3 67.9
119 32.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071848.D
Acq: 31 Jan 2022 16:34

Tgt Ion:152 Resp: 293136
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 154.4 0.0 348.6

